

# Design Recipe: strong-password

Some websites have strict password requirements. Write the function *strong-password*, which takes in a username and password, and checks to make sure they aren't the same, then checks the string-length of the password to make sure it is greater than 8 characters. The function should return a message to the user letting them know if their password is strong enough.

## Contract+Purpose Statement

Every contract has three parts:

# \_\_\_\_\_ : \_\_\_\_\_ -> \_\_\_\_\_  
name Domain Range

# \_\_\_\_\_  
What does the function do?

## Give Examples

Write examples of your function in action

examples:

\_\_\_\_\_ ( \_\_\_\_\_ ) is

\_\_\_\_\_ ( \_\_\_\_\_ ) is

\_\_\_\_\_ ( \_\_\_\_\_ ) is

end

## Function

Circle the changes in the examples, and name the variables.

```
fun _____ ( _____ ) :
```

```
  if _____ :
```

```
    _____
```

```
  else if _____ :
```

```
    _____
```

```
  else: _____
```

```
end
```